

## PATENT ABSTRACTS OF JAPAN

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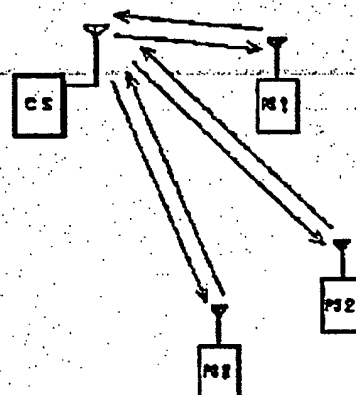
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## (54) RADIO COMMUNICATION SYSTEM

## (57)Abstract:

PROBLEM TO BE SOLVED: To minimize a digital signal processing circuit of radio terminals PS1 to PS3.

SOLUTION: In this radio communication system in which a base station CS and plural radio terminals PS1 to PS3 radio communicate by an orthogonal frequency division multiple system (OFDM system), the base station CS is equipped with a sub carrier assignment part 1 for assigning the number of sub carrier signals corresponding to the amount of information which a radio terminal PS1 communicates out of all the sub carrier signals that can be assigned to the radio terminals PS1 to PS3 when there is an access request from at least one radio terminal PS1.



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